

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

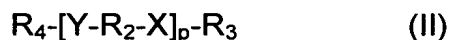
Claims 1-21 (Canceled)

Claim 22 (Currently Amended): Abrasion-resistant yarns, fibres and/or filaments obtained from a composition comprising a polymer matrix, the polymer matrix ~~consisting of~~ comprising a ~~polycondensate composed of~~ polyamide comprising:

- 30 to 100 mol %₁ ~~[[I]]~~ limits included₁ ~~[[I]]~~ of macromolecular chains corresponding to the following formula (I):



- 0 to 70 mol %₁ ~~[[I]]~~ limits included₁ ~~[[I]]~~ of macromolecular chains corresponding to the following formula (II):



in which:

~~—X—Y—~~ is a radical resulting from the condensation of two reactive functional groups ~~F₁~~ and ~~F₂~~ such that

~~—F₁—~~ is the precursor of the ~~—X—~~ radical and ~~F₂~~ is the precursor of the ~~—Y—~~ radical, or vice versa,

~~—the F₁ functional groups cannot react with one another by condensation,~~

~~—the F₂ functional groups cannot react with one another by condensation,~~

- each of X and Y represents $\begin{array}{c} \text{--- N ---} \\ | \\ \text{R}_5 \end{array}$ or $\begin{array}{c} \text{--- C ---} \\ || \\ \text{O} \end{array}$, wherein

Y represents $\begin{array}{c} \text{--- N ---} \\ | \\ \text{R}_5 \end{array}$ when X represents $\begin{array}{c} \text{--- C ---} \\ || \\ \text{O} \end{array}$.

Y represents $\begin{array}{c} \text{--- C ---} \\ || \\ \text{O} \end{array}$ when X represents $\begin{array}{c} \text{--- N ---} \\ | \\ \text{R}_5 \end{array}$.

- A is a covalent bond or an aliphatic hydrocarbonaceous radical which can comprise heteroatoms and having from 1 to 20 carbon atoms, and, optionally, heteroatoms.

- R₂ is a branched or unbranched, aliphatic or aromatic, hydrocarbonaceous radical having from 2 to 20 carbon atoms,

- R₃ or R₄ represents hydrogen, a hydroxyl radical or a hydrocarbonaceous

radical having a $\begin{array}{c} \text{--- C ---} \\ || \\ \text{O} \end{array}$ or $\begin{array}{c} \text{--- N ---} \\ | \\ \text{R}_5 \end{array}$ group,

- R₅ represents hydrogen or a hydrocarbonaceous radical having from 1 to 6 carbon atoms.

- R₁ is a linear or cyclic, aromatic or aliphatic, hydrocarbonaceous radical having at least 2 carbon atoms and, optionally, heteroatoms, and

- n, m and p each represent a number between 50 and 500.

Claims 23 to 25 (Canceled)

Claim 26 (Currently Amended): The yarns, fibres and/or filaments according to claim 22, ~~[[23,]]~~ wherein the polyamide A1 ~~or the polyester A2~~ has at least 45 mol %, ~~preferably at least 60 mol %~~, of macromolecular chains corresponding to the formula (I).

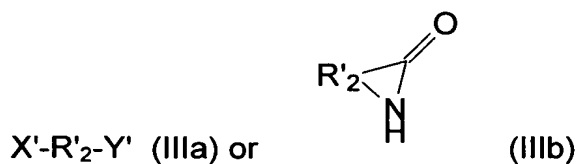
Claim 27 (Currently Amended): The yarns, fibres and/or filaments according to claim 22, ~~[[23,]]~~ wherein the polyamide A1 ~~or the polyester A2~~ exhibits a number-average molecular mass at least equal to 25,000 g/mol.

Claim 28 (Currently Amended): The yarns, fibres and/or filaments according to claim 22, wherein R₂ is a pentamethylene radical.

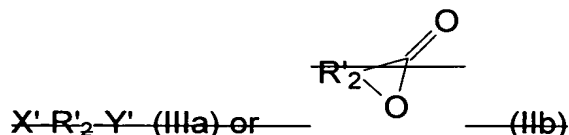
Claim 29 (Currently Amended): The yarns, fibres and/or filaments according to claim 22, ~~[[23,]]~~ wherein the polyamide A1 ~~or the polyester A2~~ is obtained by copolymerization from a mixture of monomers comprising:

a) a difunctional compound, the reactive functional groups of which are ~~chosen~~ selected from the group consisting of amines, carboxylic acids, alcohols, and their derivatives, the reactive functional groups being identical,

b) monomers of following general formulae (IIIa) and (IIIb), ~~in the case of the polyamide A1~~



~~b') monomers of following general formulae (IIIa') and (IIIb'), in the case of the polyester A2~~



in which:

R'₂ represents a substituted or unsubstituted, aliphatic, cycloaliphatic or aromatic, hydrocarbonaceous radical having from 2 to 20 carbon atoms and, optionally, heteroatoms,

Y' is an amine radical when X' represents a carboxyl radical, or Y' is a carboxyl radical when X' represents an amine radical, ~~in the case of the polyamide A1, and~~

~~Y' is a hydroxyl radical when X' represents a carboxyl radical, or Y' is a carboxyl radical when X' represents a hydroxyl radical, in the case of the polyester A2.~~

Claim 30 (Currently Amended): The yarns, fibres and/or filaments according to claim 29, wherein the compound a) represents between 0.05 and 1 mol% with respect to the number of moles of monomers of type b) or b').

Claim 31 (Currently Amended): The yarns, fibres and/or filaments according to claim 22, [[23,]] wherein the polyamide A1 or the polyester A2 is obtained by melt blending a polyamide of the type of those obtained by polymerization of lactams and/or amino acids or a polyester of the type of those obtained by polymerization of lactones and/or hydroxy acids with a difunctional compound, whose reactive

functional groups are amines, alcohols, carboxylic acids or their derivatives, the reactive functional groups being identical.

Claim 32 (Currently Amended): The yarns, fibres and/or filaments according to claim 31, wherein the difunctional compound represents between 0.05 and 2% by weight with respect to the weight of polyamide ~~or of polyester~~.

Claim 33 (Currently Amended): The yarns, fibres and/or filaments according to claim 29, wherein the difunctional compound is represented by the formula (IV):



in which X'' represents an amine radical, a hydroxyl radical, a carboxyl group or their derivatives.

Claim 34 (Currently Amended): The yarns, fibres and/or filaments according to claim 29, wherein the difunctional compound is adipic acid, decanedioic acid, sebacic acid, dodecanedioic acid, terephthalic acid, isophthalic acid, hexamethylenediamine, methylpentamethylenediamine, 4,4'-diaminodicyclohexylmethane, butanediamine, metaxylylenediamine, 1,3-propanediol, 1,2-ethanediol, 1,4-butanediol, 1,5-pentanediol, 1,6-hexanediol or polytetrahydrofuran.

Claim 35 (Currently Amended): The yarns, fibres and/or filaments according to claim 22, ~~[[23,]]~~ wherein the polyamide A1 ~~or the polyester A2~~ is obtained by melt blending a polyamide obtained by polymerization of lactams and/or amino acids ~~or a~~

~~polyester obtained by polymerization of lactones and/or hydroxy acids~~ with a compound of formula (V)



in which

R is substituted or unsubstituted, linear or cyclic, aromatic or aliphatic, hydrocarbonaceous radical, optionally having heteroatoms, and

G is a functional group or a radical which can selectively react either with the amine reactive functional groups or with alcohol reactive functional groups or with the carboxylic acid reactive functional groups of the polyamide ~~or of the polyester~~, to form covalent bonds.

Claim 36 (Currently Amended): The yarns, fibres and/or filaments according to claim 35, wherein the compound of formula (V) represents between 0.05 and 2% by weight with respect to the weight of polyamide ~~or of polyester~~.

Claim 37 (Previously Presented): An article comprising yarns, fibres and/or filaments as defined in claim 22.

Claim 38 (Previously Presented): The article according to claim 37, being a felt for a paper-making machine.

Claim 39 (Previously Presented): The article according to claim 37, being a carpet, or a fitted carpet.

Claim 40 (Previously Presented): The article according to claim 37, being a rope or a belt.

Claim 41 (Previously Presented): The article according to claim 37, being a fabric for print transfer or for filtration.

Claim 42 (Previously Presented): The article according to claim 37, being a net.

Claim 43 (New): The yarns, fibres and/or filaments according to claim 22, wherein the polyamide has at least 60 mol % of macromolecular chains corresponding to the formula (I).